



## Griffith Griffith's Granite Quarry

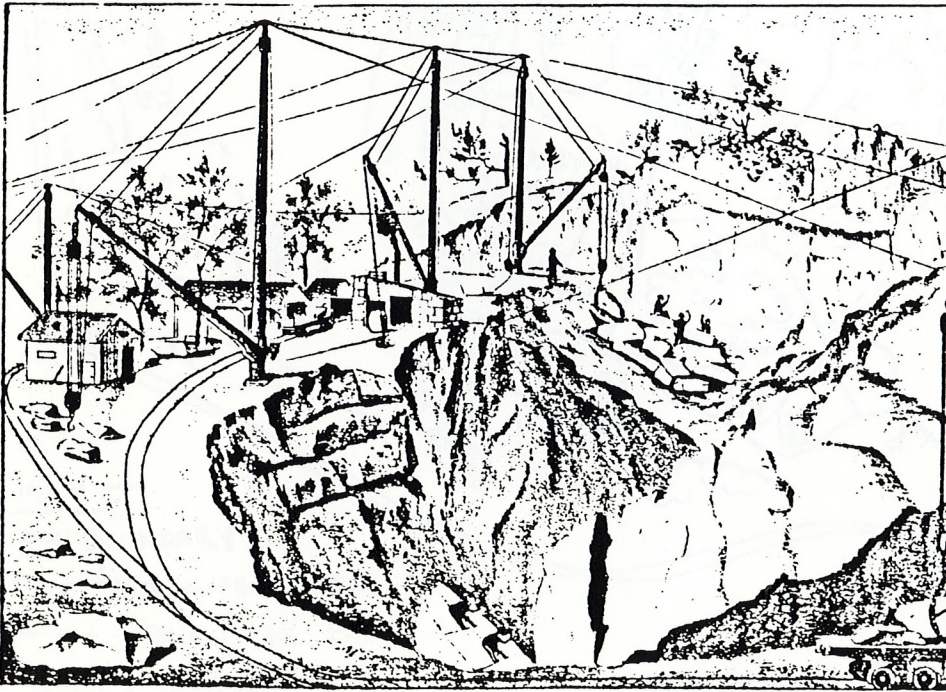
Griffith Griffith started the Penryn Granite Works in 1864. Blocks of granite, a rock found throughout the Sierra Nevada Mountains, from Griffith's Quarry helped construct buildings and monuments all over Northern California.

**Design and draw your own building below!**



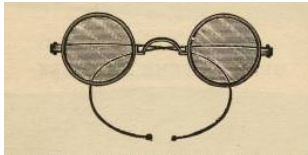
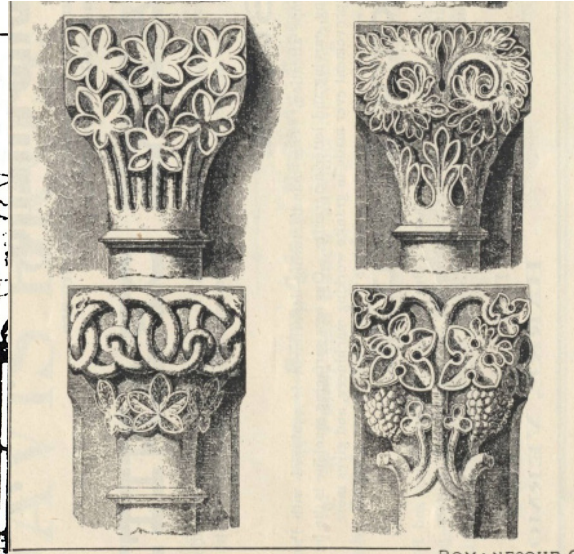
# Tools of the Trade

How does a quarry worker take granite from the sides of a pit and make it into a beautiful monument? Tools! **Match the image of a tool to its description.**

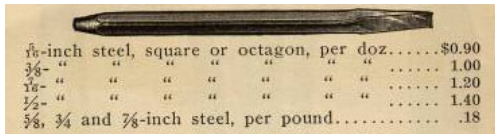


QUARRY

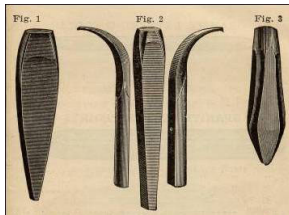
G. GRIFFITH'S GRANITE WORKS, PENRYN, PLACER CO. CAL.



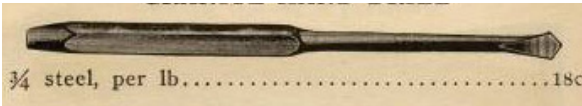
**This is a hand chisel, it comes in multiple sizes and allows the workman to create details and letters in a block of granite.**



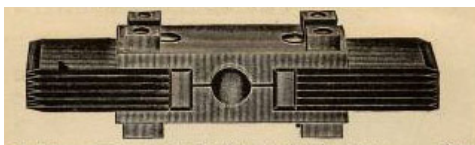
**This is a large sledge that would be attached to a handle. It could be used to break blocks, or it could be used with a hand drill to make holes.**



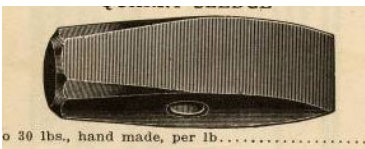
**This is a hand drill: a narrow metal rod with a sharp tip. A quarry worker holds the sharp edge of the drill against the granite and hits the other end with a hammer, turning it with every hit. This creates a hole in the granite.**



**This is a bushing hammer. It has multiple steel plates, that when hammered against the granite, shape edges.**



**This is a plug and feather. After holes are drilled into a granite block, the feathers are placed in each hole, then a plug is hammered between the feathers. This forces the feathers apart and splits the granite block.**



**These are used to protect your eyes while you chisel details into the granite for decoration.**

# Penryn Plants Plenty!

The town of Penryn started with Griffith's Granite Quarry, and it was the largest industry in the area. However, over time, agriculture, especially orchards, became the largest industry.

